

Amendments to the Claims:

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A superconducting device (30) having an oxide superconducting wire (1) with an oxide superconductor (2) exhibiting sintering density of at least 93 %, wherein

said oxide superconductor is a Bi-Pb-Sr-Ca-Cu-O-based oxide superconductor containing bismuth, lead, strontium, calcium and copper and including a Bi2223 phase having atomic ratios of (bismuth and lead):strontium:calcium:copper expressed as 2:2:2:3 in approximation.

2. (Currently amended) The superconducting device (30) according to claim 1, having said oxide superconducting wire (1) with said oxide superconductor (2) exhibiting said sintering density of at least 95 %.

3. (Currently amended) The superconducting device (30) according to claim 2, having said oxide superconducting wire (1) with said oxide superconductor (2) exhibiting said sintering density of at least 99 %.

4. (Currently amended) A superconducting cable (30) having an oxide superconducting wire (1) with an oxide superconductor (2) exhibiting sintering density of at least 93 %, wherein

said oxide superconductor is a Bi-Pb-Sr-Ca-Cu-O-based oxide superconductor containing bismuth, lead, strontium, calcium and copper and including a Bi2223 phase having atomic ratios of (bismuth and lead):strontium:calcium:copper expressed as 2:2:2:3 in approximation.

5. (Currently amended) The superconducting cable (30) according to claim 4, having said oxide superconducting wire (1) with said oxide superconductor (2) exhibiting said sintering density of at least 95 %.

6. (Currently amended) The superconducting cable (~~30~~) according to claim 5, having said oxide superconducting wire (~~1~~) with said oxide superconductor (~~2~~) exhibiting said sintering density of at least 99 %.